

TECHNICAL DATASHEET

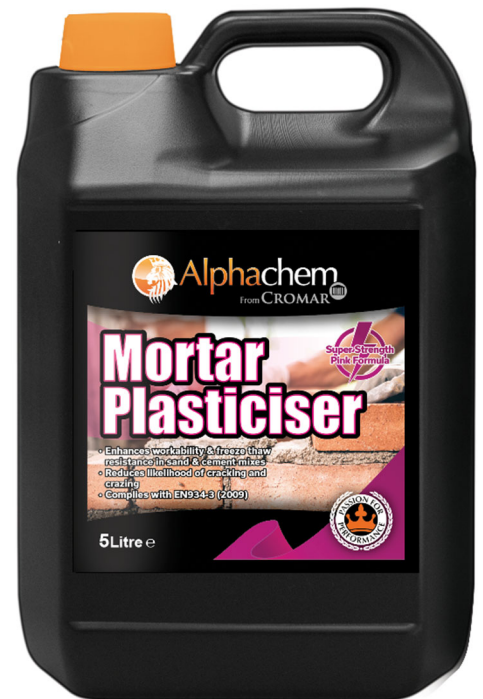
Mortar Plasticiser

Description & Uses

Alpha Chem Mortar Plasticiser is designed to enhance the workability and freeze thaw resistance of brick and block laying mortars, reducing the likelihood of cracking and crazing. It may be used to replace or supplement the use of lime.

Benefits

- Mortar does not stiffen prematurely on the board but remains plastic.
- Mortar does not segregate or 'bleed'.
- Mortar is less prone to drying out shrinkage.
- Increased adhesive strength.
- Up to 50% water reduction can be affected.
- Inexpensive to use: allows cement contents to be reduced (depending of present mix design).
- Increases rate of brick laying or rendering work.
- Increased durability: mortar unaffected by freeze/thaw conditions.
- Improves weather resistance.
- Mortar remains workable at temperatures down to -2°C.



Directions

Stir before use. Either premix with water, or add directly into the mix at the same time as water. N.B. The superior plasticising qualities will result in a significant reduction in water demand of any given mix. If preparing by hand, a vigorous mixing action should be used to ensure efficient production of 'micro' air entrainment properties. Test mixes should be made to determine the optimum dosage.

Add Mortar Plasticiser at the rate of 140 – 280 cc per 50kg cement. Test mixes should be made to determine the optimum dosage for the prevailing conditions.

As a general guide, comparative mixes are given below:-

Cement: sand with Mortar Plasticiser	Cement: Lime: sand	Masonry-cement sand
-	1:¼:3	-
-	1:½:4-4¼	-
1:5-6	1:1:5-6	1:4½
1:7-9	1:2:8-9	1:6
1:8	1:3:10-12 1:7	-

Storage

Store upright in cool, dry conditions, ideally between +5°C & +40°C. Protect from frost

Shelf Life

12 months minimum when stored in original, unopened packaging.

Limitations

- As the manufacturer cannot know all the uses its products may be put to, it is the user's responsibility to determine suitability of use.
- Read the label prior to use for health and safety information, safety data sheet available on request.

Technical Data

Colour	Fluorescent Pink Liquid
pH	5-9

Further Information:

In the event of further queries or problems concerning the use of this product, please contact the address below, e-mail info@cromar.uk.com.

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